



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Monday, November 12, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Winter weather continues for portions of the Region. Mostly snow, ice potential is low.**
 - Moderate to heavy snow for parts of N&E NM, TX/OK Panhandles and NW OK through this morning. Travel impacts are likely for I-25 in NE NM & for I-40 in North-Central and East-Central NM into the TX Panhandle.
 - Light snow accumulations through this morning for West/Central OK & TX and through the afternoon for NE OK/N AR. Travel could be difficult.
 - Light snow or rain/snow mix also possible for portions of West-Central/North-Central TX but little to no accumulations are expected.
- **A few severe storms for South-Central into SE LA. Isolated heavy rain/flooding for the Eastern ½ of LA.**

Tuesday

- No significant weather.

Wednesday - Thursday

- Accumulating snow is possible Wednesday into Thursday for Northeast AR.

Friday

- No significant weather.

Tropical Outlook

- **A tropical wave about 200 miles east of the Lesser Antilles is likely to develop into a tropical depression or tropical storm within the next few days while the system moves near or north of Puerto Rico, Hispaniola and the southeastern Bahamas.**
 - Formation chances through 48 hours...medium...50 percent.
 - Formation chances through 5 days...high...90 percent.
 - Impacts to FEMA 6 look unlikely as this system will likely get picked up by a cold front moving off the Atlantic coast late this week, keeping this system out in the Atlantic.

River Flood Status

- Moderate river flooding continues for portions of the Nueces River in STX and Major river flooding continues for the Trinity River at Liberty in SE TX.
- The Cache River at Patterson in NE AR is forecast to drop into minor flood today.

FEMA Region 6 Threat Matrix

Nov 12, 2018 – Nov 16, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	South-Central/SE LA				
Heavy Rain / Flash Flooding	Eastern ½ LA				
Winter Weather	N&E NM into the TX/OK Panhandles, NW OK		NE AR	NE AR	
	West/Central/NE OK, NWTX, N AR				
Tropical Weather					
River Flooding	SETX	SETX	SETX	SETX	SETX
	STX	STX	STX	STX	STX

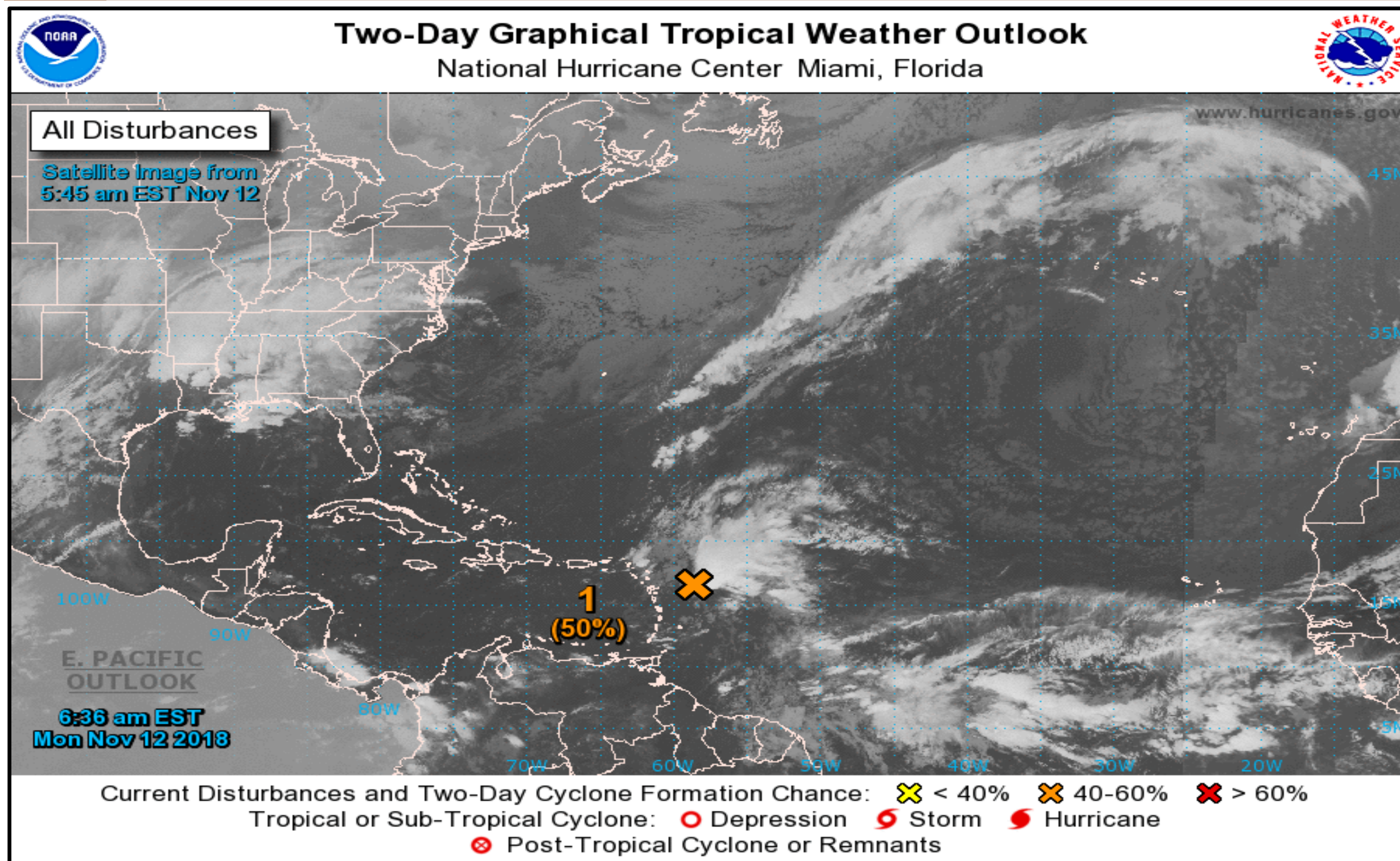
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf

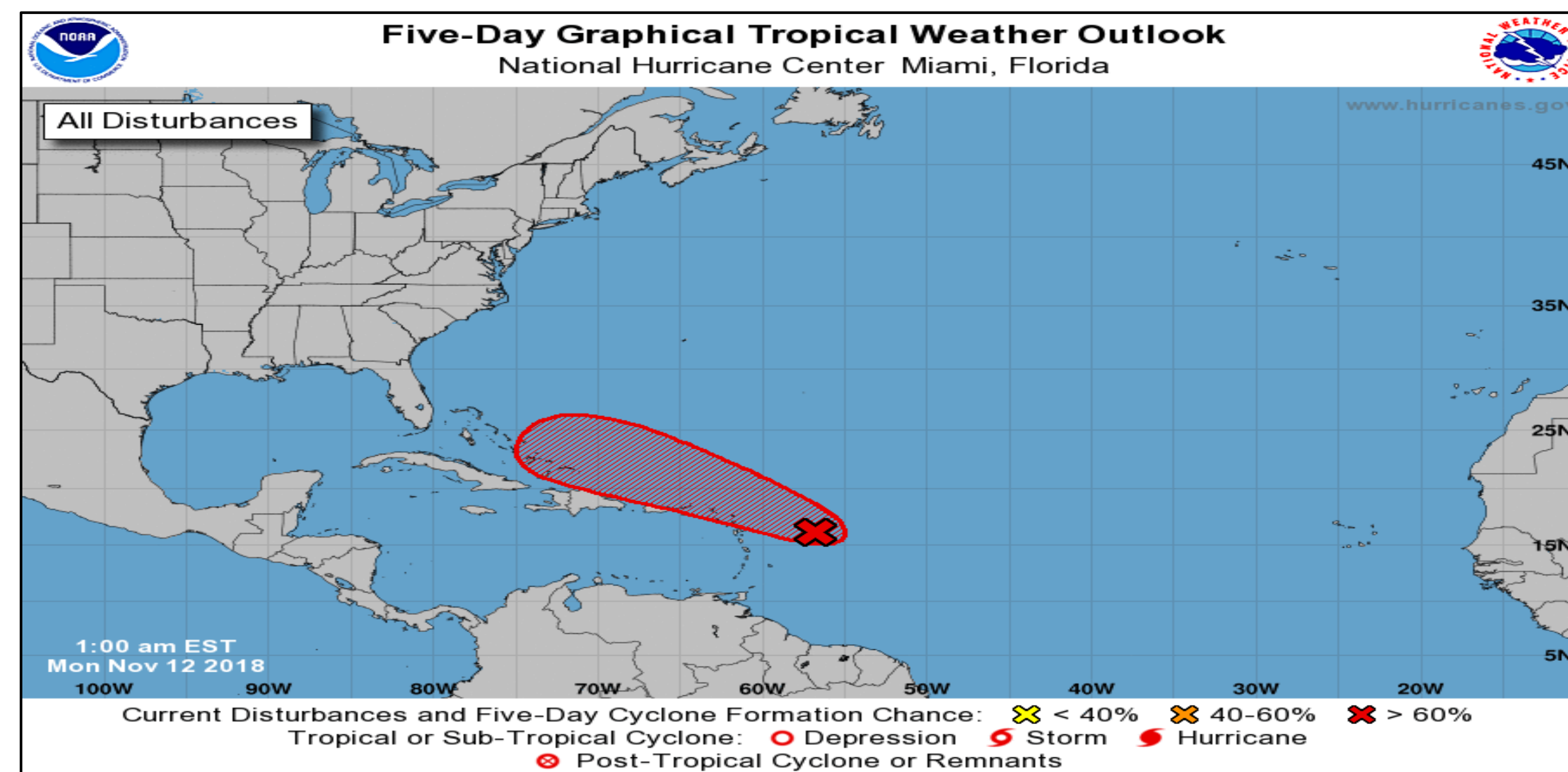


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A vigorous tropical wave located about 200 miles east of the Leeward Islands is producing a large area of disturbed weather over much of the western tropical Atlantic Ocean. Shower and thunderstorm activity has increased and become a little more concentrated this morning, and environmental conditions are forecast to gradually become more conducive for the development of a tropical depression or a tropical storm during the next day or so. The disturbance is forecast to move westward to west-northwestward for the next few days, passing near or north of the Leeward Islands, Puerto Rico, Hispaniola, and the southeastern Bahamas.

- Formation chance through 48 hours...medium...50 percent.
- Formation chance through 5 days...high...90 percent.



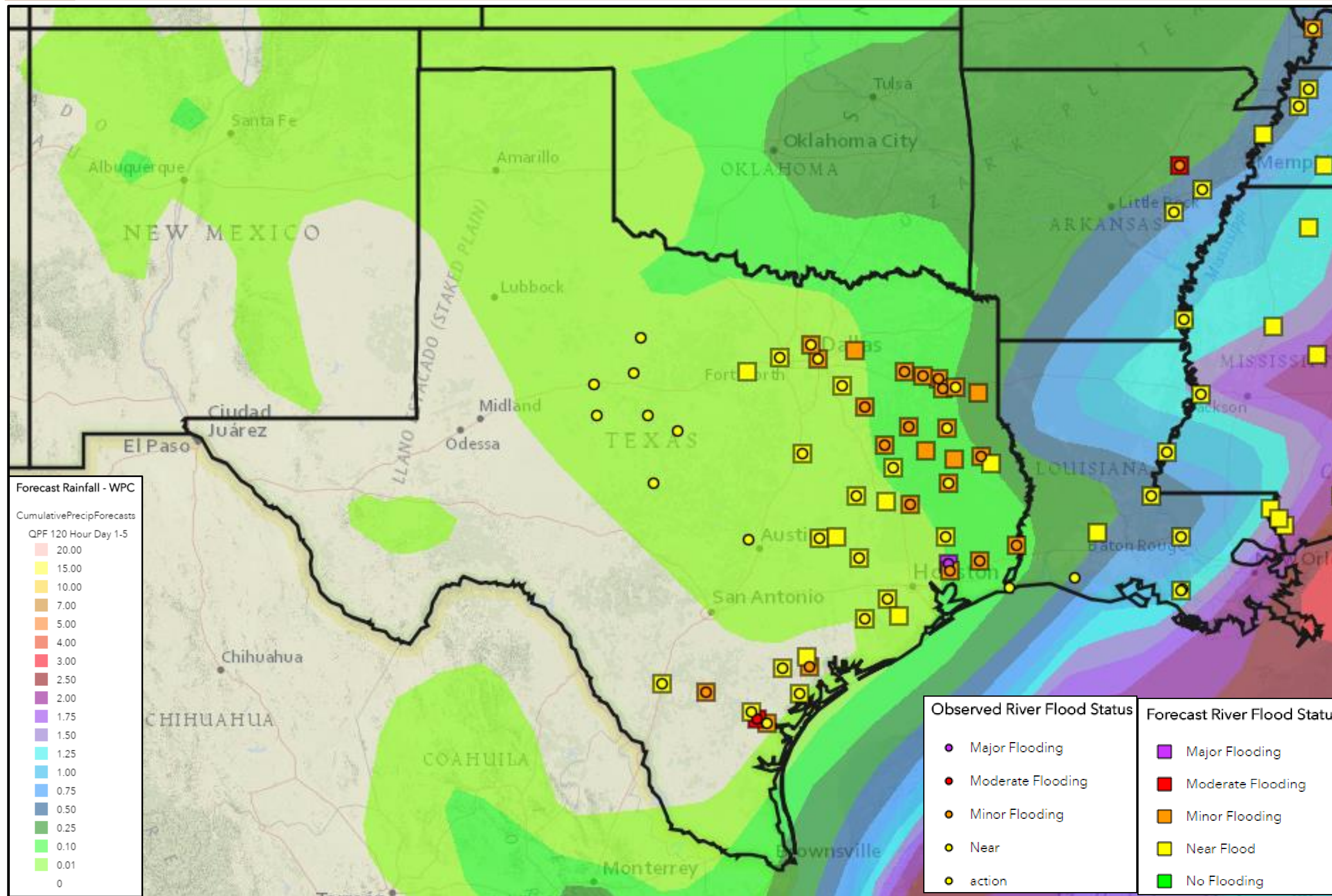
Impacts to FEMA 6 look unlikely as this system will likely get picked up by a cold front moving off the Atlantic coast late this week, keeping this system out in the Atlantic.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



On the Nueces, moderate flooding continues. Lake Corpus Christi releases are leading to moderate flooding downstream of the lake.

The Trinity River at Liberty in SE TX will remain in Major Flood stage through this week. Flooding may be impacting homes in several subdivisions.

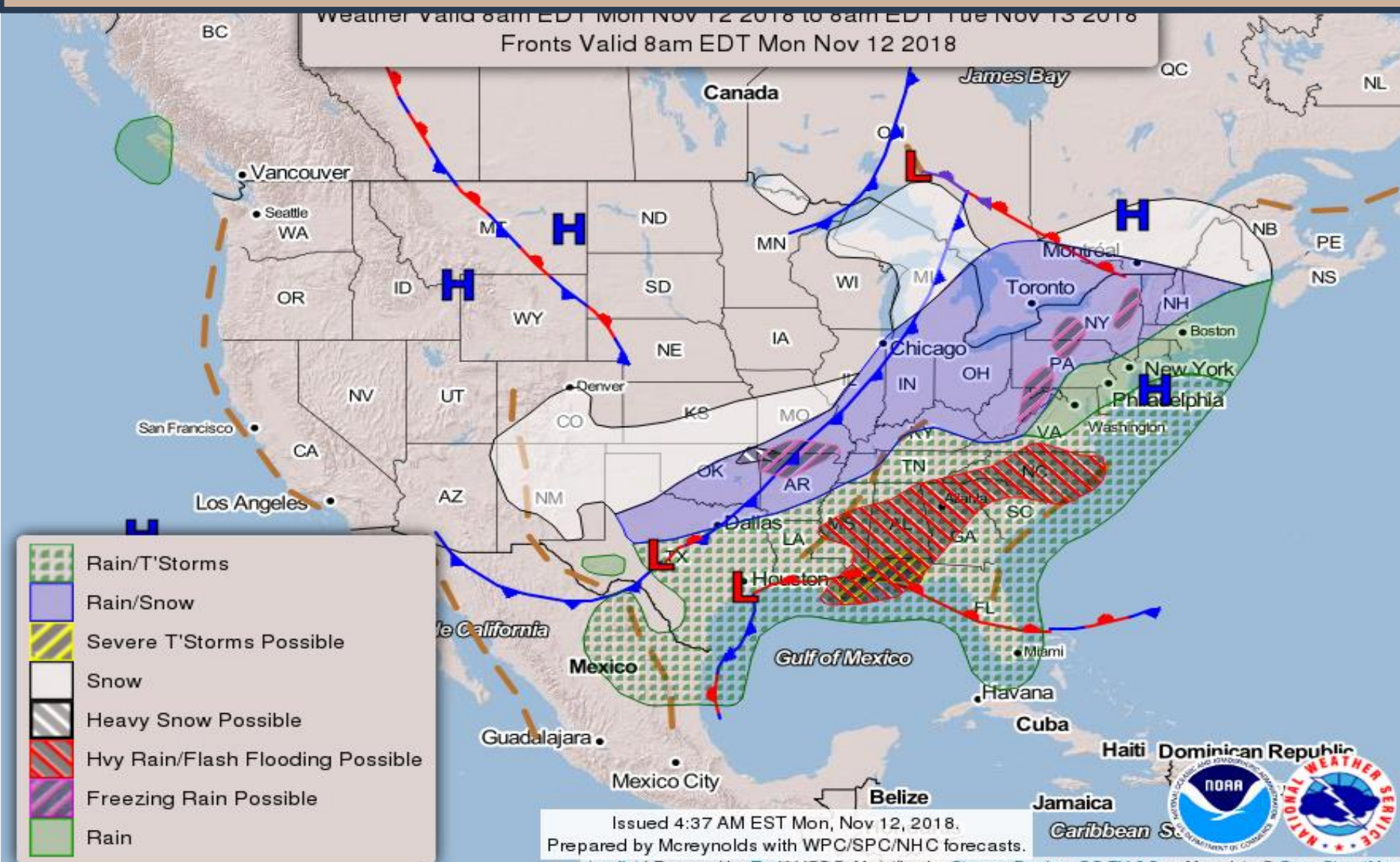
The Cache River at Patterson in NE AR is forecast to drop into Minor Flood stage today.

Today's Weather

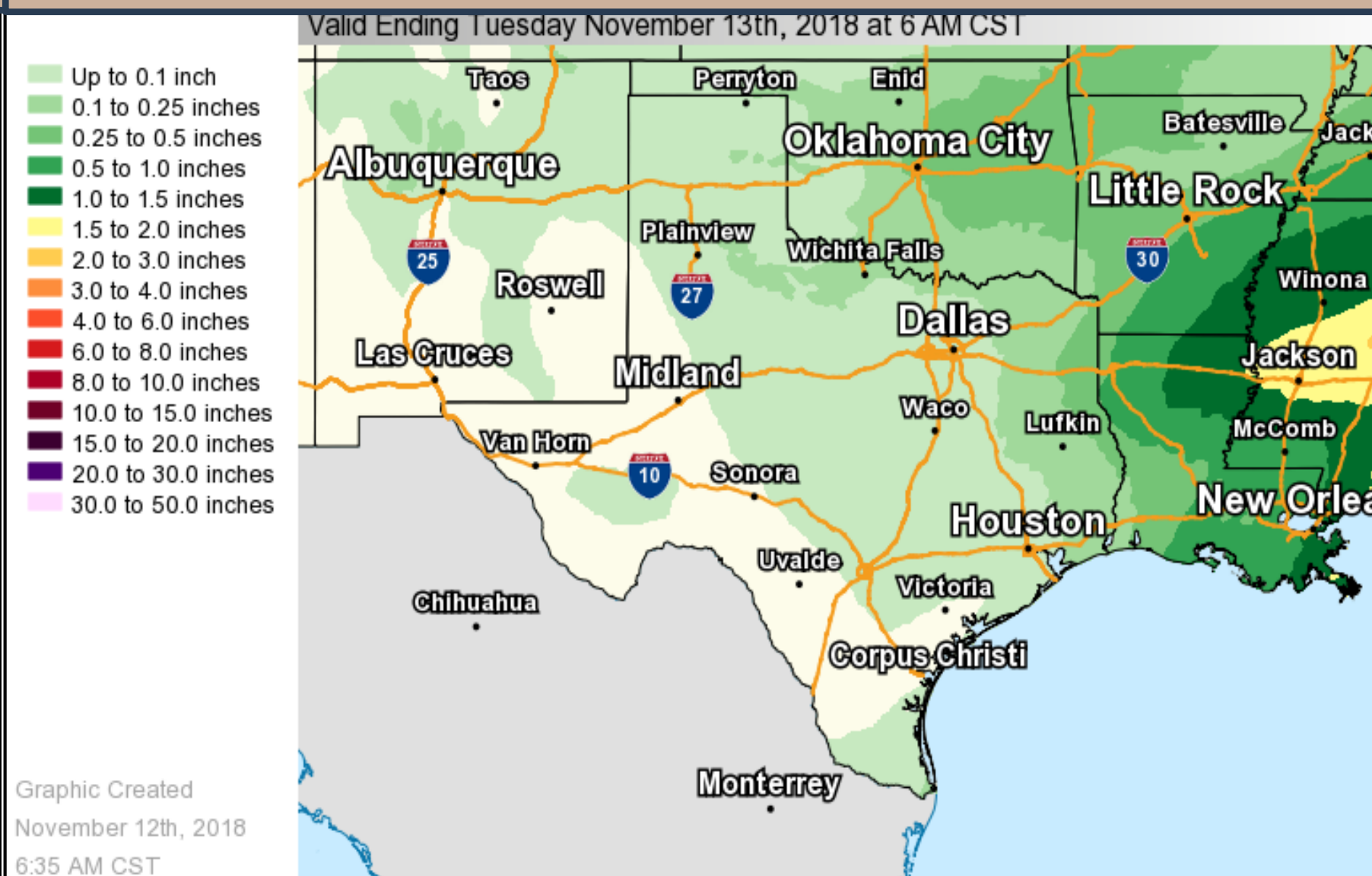


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Forecast Chart



Forecast Rainfall



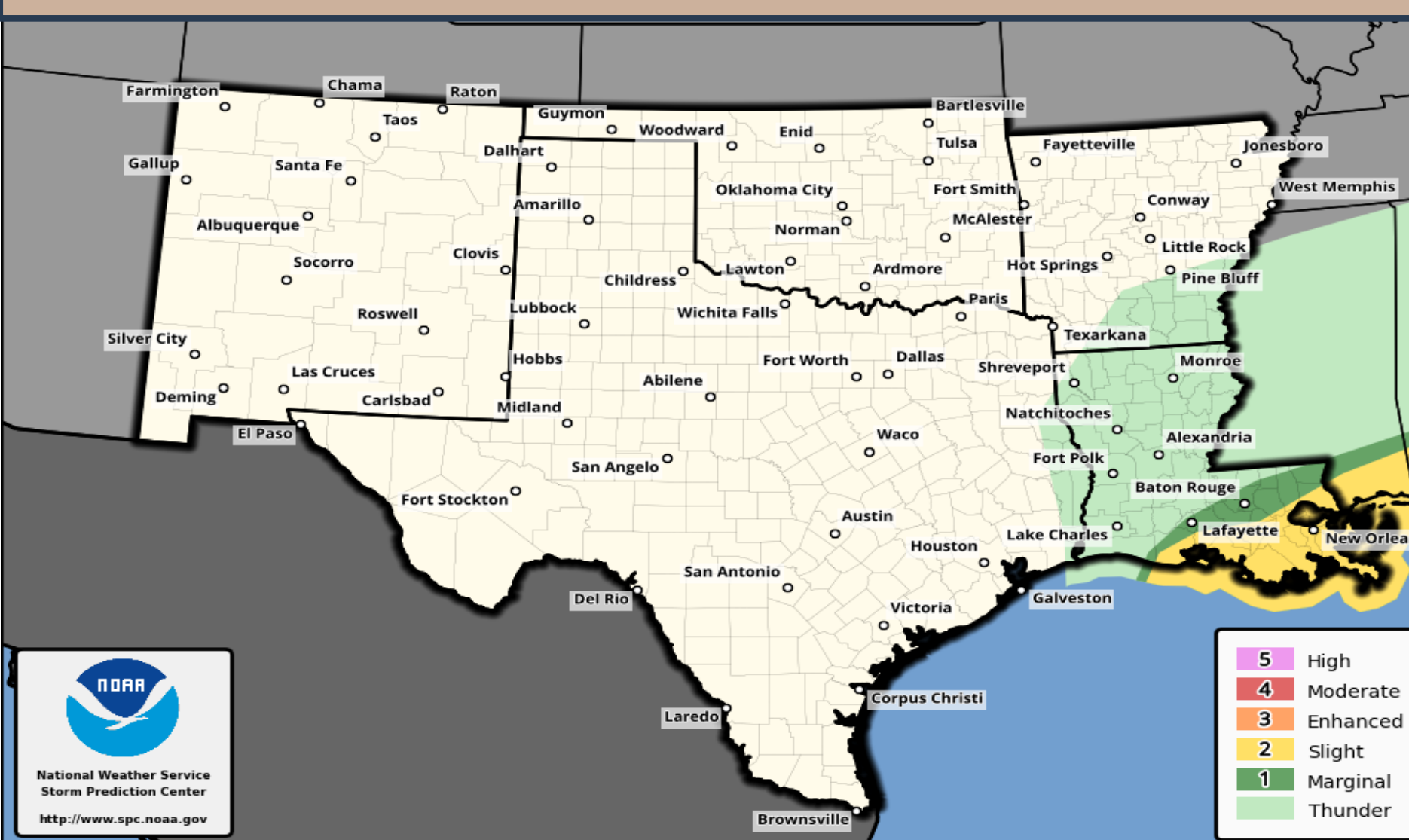
Moderate to heavy snow continues through this morning for parts of N&E NM into the TX/OK Panhandles and NW OK. Travel impacts for I-25 in NE NM & for I-40 in North-Central into East-Central NM and the TX Panhandle.

Light snow accumulations continue through this morning for Western/Central OK, NW TX and through the afternoon for NE OK and NW AR. Travel could be difficult.

A few severe storms possible for South-Central into SE LA. Damaging wind gusts are the main threat, a tornado or two is possible.

Isolated heavy rain/flooding possible for the Eastern 1/2 of LA.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

No significant weather.

Severe Weather Outlook

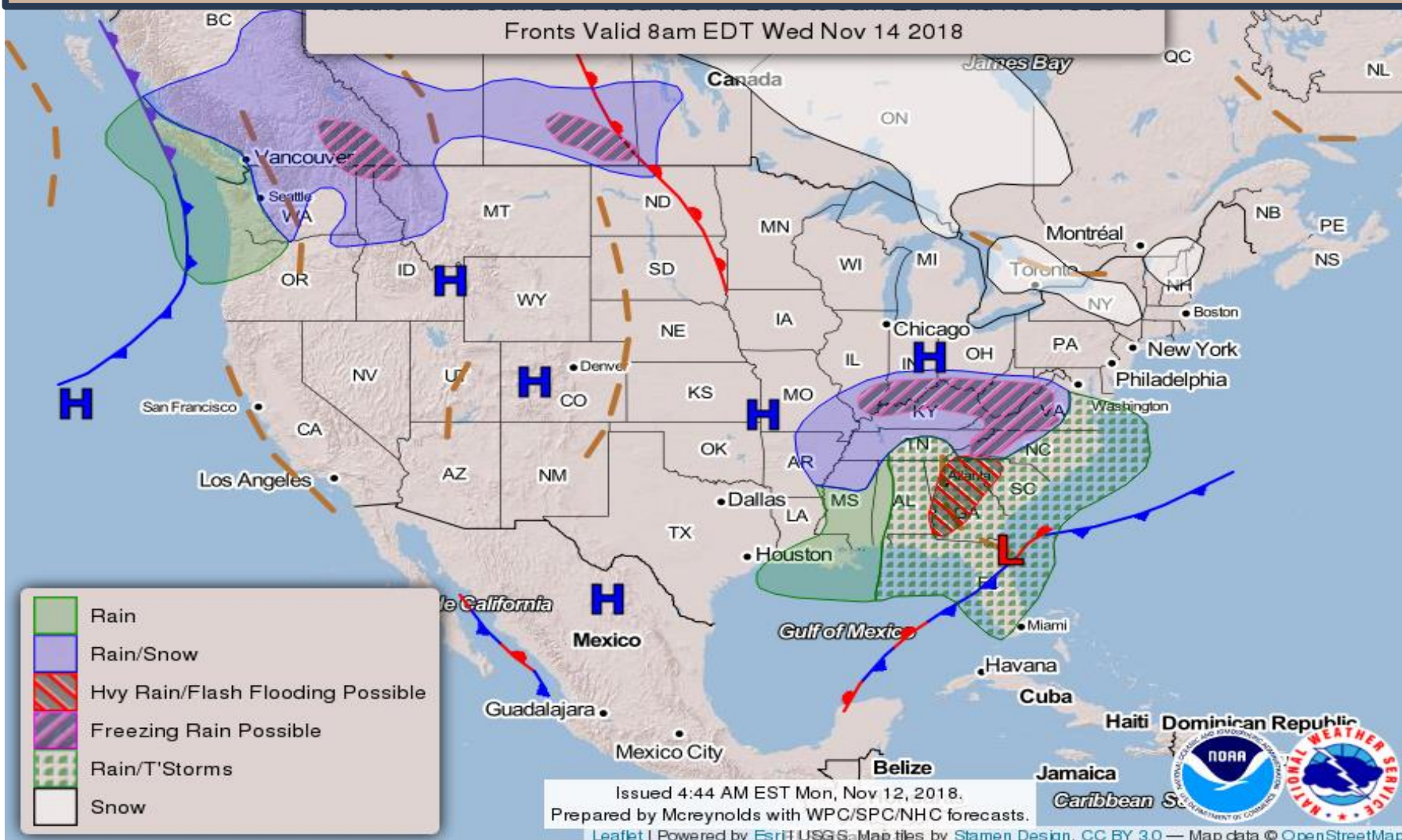
Excessive Rainfall Outlook

Wednesday's Weather



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Forecast Chart



Forecast Rainfall



Graphic Created
November 12th, 2018

Accumulating snow is
possible for Northeast AR.

Severe Weather Outlook



Graphic Created
November 12th, 2018
AM CST

Excessive Rainfall Outlook

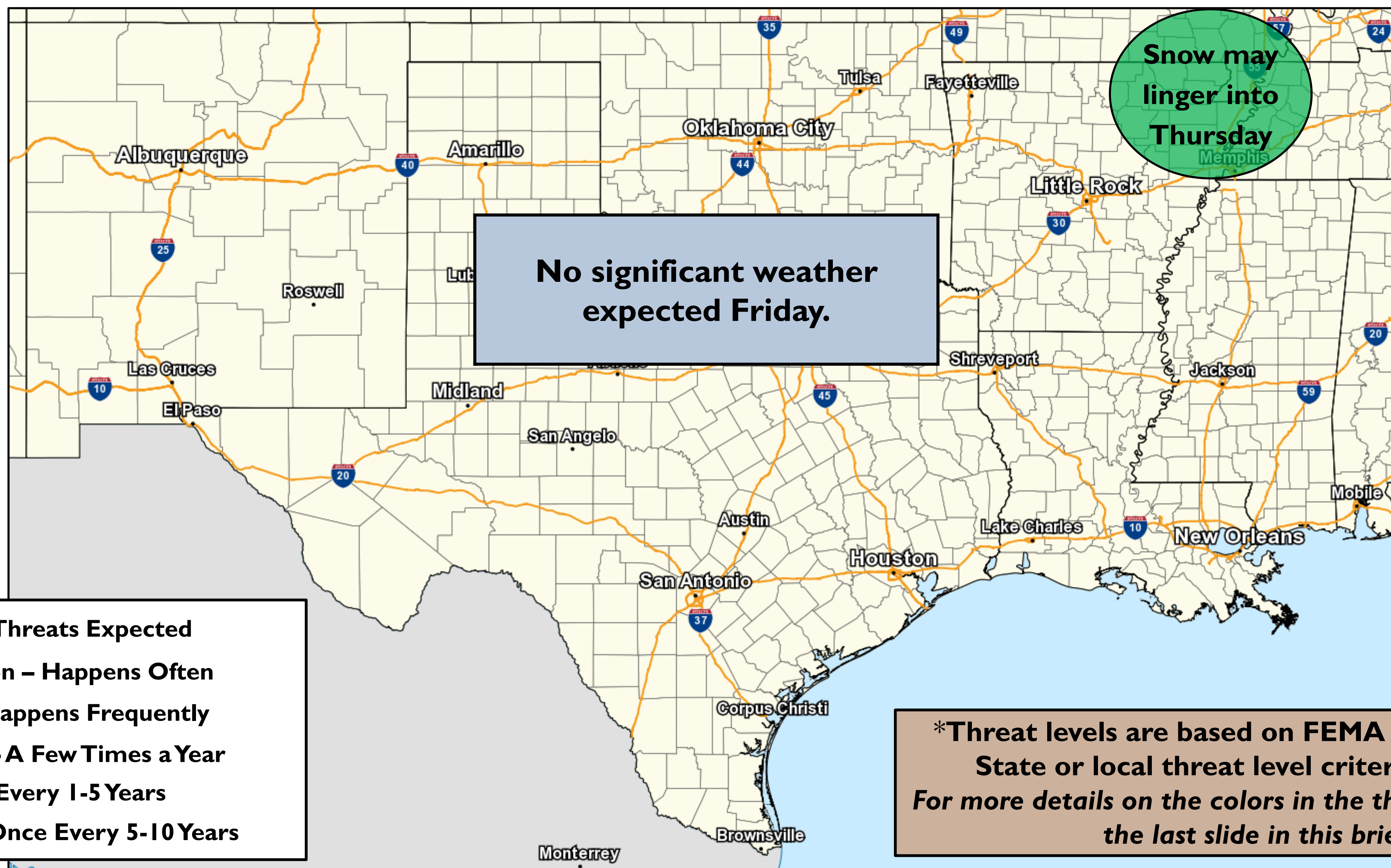


Days 4-5 Weather Hazards

Thursday - Friday



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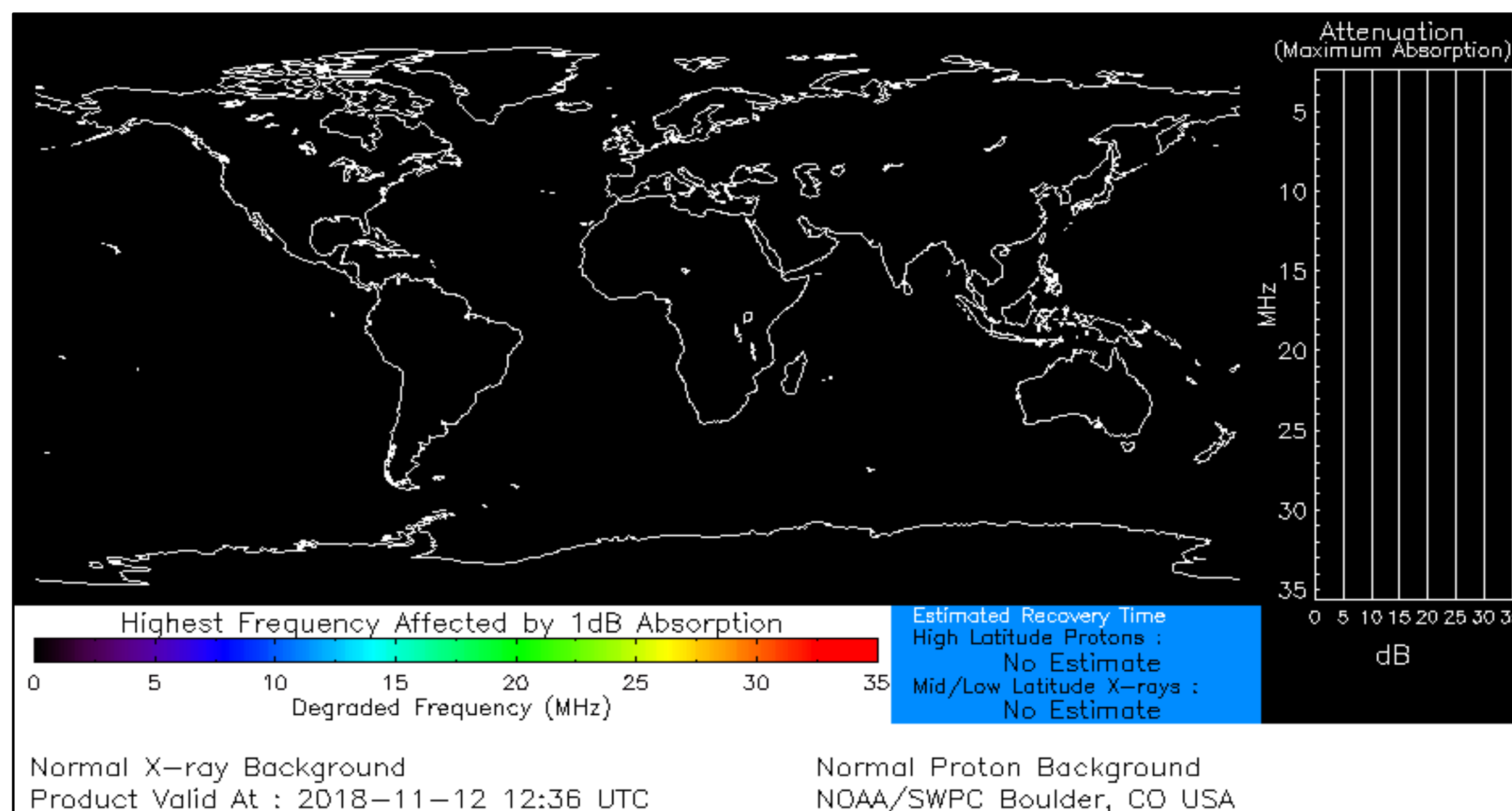


Space Weather 3-Day Forecast



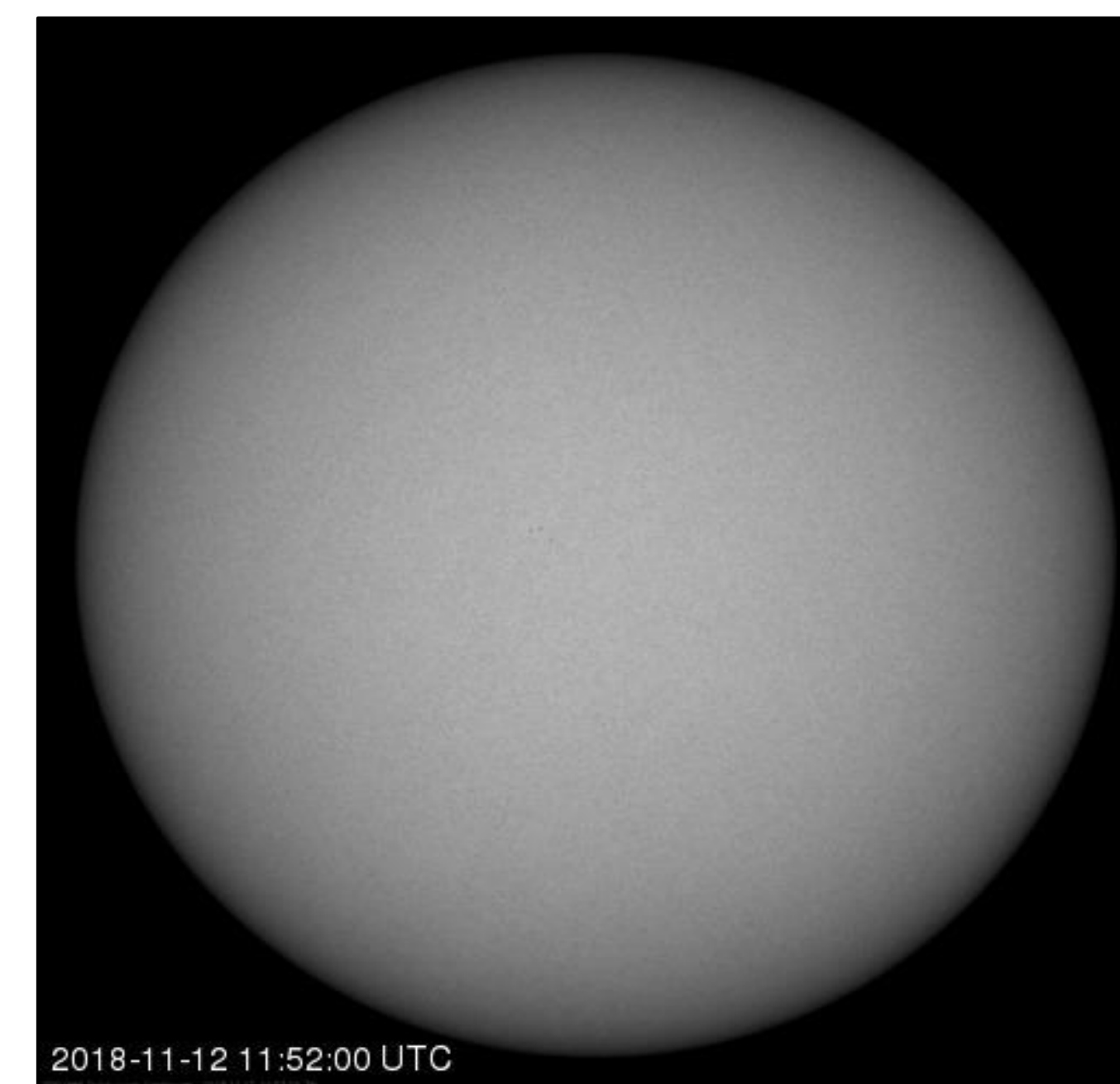
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Southern Region Headquarters
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Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none">Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few treesSomething that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none">2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possibleScattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none">A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likelyNumerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hailSome large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none">A Category 1 hurricane will be moving towards the NW Gulf in the next few daysWidespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hailLarge fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none">A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrowWidespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.